Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 15 Nov 2023 until 23:59 on Thursday 16 Nov 2023

Forecast Issued on Wednesday 15 Nov 2023 at 02:35

Confidence: High for generally unsettled conditions through into the weekend but lower for details, especially on Thursday with uncertainties over the track and depth of a low currently expected to move east across the south of England.

Headline for Wednesday 15 Nov 2023: Mostly cloudy with outbreaks of rain. Strong westerly winds easing

Mountain weather hazards on Wednesday 15 Nov 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Cloudy	Light rain	Cloudy	Mist
Precipitation probability					
70%	80%	80%	70%	60%	30%

Forecast for Wednesday 15 Nov 2023

Weather: Cloudy through the early hours with outbreaks of rain and drizzle becoming more widespread and occasionally heavy towards the end of the night. Then a mostly cloudy day, the best of any brighter spells likely to be across eastern hills, with further outbreaks of rain and drizzle, occasionally heavy at first. The rain and drizzle is expected to become patchier through the afternoon before dying out during the evening with clear spells developing.

Chance of cloud-free hill tops above 600m: Around 25% in west, but nearer 40% in the east

Low Cloud and visibility: Periods or persistent cloud, but more occasional at times in the east, above 600-750m lowering to 450m, especially across western hills in more persistent rain, with patches below, the cloud generally becoming more occasional through the evening. Away from cloud visibility several kilometres in rain and drizzle, becoming mainly good at times in the east and more generally through the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 15 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/37 W	28/38 W	23/33 W	21/30 W	12/19 W	10/16 W	7/9 SW
300	17/35 W	17/37 W	16/33 W	15/30 W	9/19 NW	7/15 W	3/8 SW
Valley	13/30 W	14/32 W	14/29 W	11/25 W	6/15 W	3/9 SW	2/6 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	5/-1	5/-1	5/0	5/1	4/1	4/1
300	7/4	7/3	7/3	7/4	7/4	6/4	5/4
Valley	9/6	9/5	9/6	9/6	8/6	7/6	6/5
Freezing Level*	1400m	1400m	1400m	1400m	1400m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gust around 50mph over ridges and summits at first. Significant chill effect on summits through the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 15 Nov 2023	13.2mm	56.2mm	64.6mm

Forecast for Thursday 16 Nov 2023

Weather: Mainly dry with clear spells overnight. Then a bright start with some sunny spells but cloud increasing through the morning with outbreaks of occasionally heavy rain edging northeast in the afternoon. Becoming drier again from the northwest during the evening.

Maximum wind: Southeasterly 10-15mph developing through the morning, gradually backing northwesterly through the evening.

Chance of cloud-free hill tops above 600m: Around 75% lowering to 25% during the afternoon and early evening.

Low Cloud and visibility: Occasional cloud above about 600-750m through the morning becoming, especially across southern fells, periods or persistent above 450-600m at times during the afternoon and early evening. Away from cloud visibility good or very good falling to several kilometres in rain.

Temperature: **Valleys:** Around plus 2 or 3 Celsius at dawn rising to plus 8 or 9 Celsius by day
At 600m: Around plus 3 Celsius
Freezing level: Above the summits.

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